

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims, in the application.

Listing of Claims

Claim 1 (currently amended) A biosensor strip for determining the concentration of an analyte in a sample of biological liquid, said biosensor strip comprising:

- (a) an electrode support;
- (b) a first electrode disposed on said electrode support, said first electrode being a working electrode, said working electrode comprising a working ink comprising (i) a reagent responsive to said analyte in said sample of said biological liquid and (ii) an electron mediator deposited on an electrically conductive material;
- (c) a second electrode disposed on said electrode support, said second electrode being a reference electrode; and
- (d) a third electrode disposed on said electrode support, said third electrode being a counter electrode, said counter electrode comprising an electrically conductive material.

Claim 2 (original) The biosensor strip of claim 1, wherein said reference electrode comprises a reference ink.

Claim 3 (original) The biosensor strip of claim 1, wherein said reference electrode comprises a conductive material.

Claim 4 (original) The biosensor strip of claim 3, wherein said reference electrode further comprises a working ink deposited on said conductive material.

Claim 5 (currently amended) The biosensor strip of claim 1, wherein said ~~working ink comprises an enzyme and a mediator reagent~~ responsive to said analyte in said sample of said biological liquid is an enzyme.

Claim 6 (original) The biosensor strip of claim 5, wherein said enzyme is selected from the group consisting of glucose oxidase and glucose dehydrogenase.

Claim 7 (currently amended) The biosensor strip of claim 5 1, wherein said electron mediator is a ferricyanide salt.

Claim 8 (currently amended) The biosensor strip of claim 5 1, wherein said electron mediator is ferrocene or a derivative thereof.

Claim 9 (currently amended) The biosensor strip of claim 5 1, wherein said electron mediator is a phenanthroline quinone or a derivative thereof.

Claim 10 (original) The biosensor strip of claim 1, further comprising a covering layer defining an enclosed space over said electrodes, said covering layer having an aperture for receiving a sample into said enclosed space.

Claim 11 (original) The biosensor strip of claim 10, further comprising a least one layer of mesh interposed in the enclosed space between said covering layer and said electrodes.

Claim 12 (original) The biosensor strip of claim 1, wherein said counter electrode is positioned relative to said working electrode and said reference electrode such that a liquid sample will contact said working electrode and said reference electrode prior to contacting said counter electrode.

Claim 13 (currently amended) A method for determining the concentration of an analyte in a sample of biological fluid liquid, said method comprising the steps of:

- (a) providing the biosensor strip of claim 1;
- (b) applying said biological fluid liquid to said biosensor strip;
- (c) inserting said biosensor strip into an analyte monitor;
- (d) applying a voltage at the working electrode with respect to the reference electrode;
- (e) measuring the current flowing between the working electrode and the counter electrode; and
- (f) correlating the current measured to the concentration of said analyte.

Claim 14 (currently amended) A biosensor strip for determining the concentration of an analyte in a sample of biological liquid, said biosensor strip comprising:

- (a) an electrode support;
 - (b) a cover layer;
 - (c) a spacer layer interposed between said electrode support and said cover layer;
 - ~~(b)~~ (d) a first electrode, said first electrode being a working electrode, said working electrode comprising working ink comprising (i) a reagent responsive to said analyte in said sample of said biological liquid and (ii) an electron mediator deposited on an electrically conductive material;
 - ~~(c)~~ (e) a second electrode, said second electrode being a reference electrode, said reference electrode comprising (i) said reagent responsive to said analyte in said sample of said biological liquid and (ii) said electron mediator deposited on an electrically conductive material;
- and
- ~~(d)~~ (f) a third electrode, said third electrode being a counter electrode, said counter electrode comprising an electrically conductive material, said

electrode-bearing major surface of said first electrode support facing said electrode-bearing surface of said ~~second electrode support~~ cover layer.

Claim 15 (canceled)

Claim 16 (original) The biosensor strip of claim 14, wherein said reference electrode comprises a conductive material.

Claim 17 (canceled)

Claim 18 (currently amended) The biosensor strip of claim 14, wherein said ~~working ink comprises an enzyme and a mediator~~ reagent responsive to said analyte in said sample of said biological liquid is an enzyme.

Claim 19 (original) The biosensor strip of claim 18, wherein said enzyme is selected from the group consisting of glucose oxidase and glucose dehydrogenase.

Claim 20 (currently amended) The biosensor strip of claim 18 ~~14~~, wherein said electron mediator is a ferricyanide salt.

Claim 21 (currently amended) The biosensor strip of claim 18 ~~14~~, wherein said electron mediator is ferrocene or a derivative thereof.

Claim 22 (currently amended) The biosensor strip of claim 18 ~~14~~, wherein said electron mediator is a phenanthroline quinone or a derivative thereof.

Claim 23 (original) The biosensor strip of claim 14, wherein said spacer layer comprises an adhesive.

Claim 24 (original) The biosensor strip of claim 23, wherein said adhesive is a pressure sensitive adhesive.

Claim 25 (original) The biosensor strip of claim 14, wherein at least one of said three electrodes is disposed on said electrode support and at least one of said remaining two electrodes is disposed on said cover layer.

Claim 26 (original) The biosensor strip of claim 14, wherein said counter electrode is positioned relative to said working electrode and said reference electrode such that a liquid sample will contact said working electrode and said reference electrode prior to contacting said counter electrode.

Claim 27 (currently amended) A method for determining the concentration of an analyte in a sample of biological fluid liquid, said method comprising the steps of:

- (a) providing the biosensor strip of claim 14;
- (b) applying said biological fluid liquid to said biosensor strip;
- (c) inserting said biosensor strip into an analyte monitor;
- (d) applying a voltage at the working electrode with respect to the reference electrode;
- (e) measuring the current flowing between the working electrode and the counter electrode; and
- (f) correlating the current measured to the concentration of said analyte.

Please cancel claims 15 and 17.

AMENDMENTS TO THE DRAWINGS:

The attached sheet of drawings includes a new FIG. 9.

Attachment: New Sheet of Drawing